

CLAIMS

What is Claimed is:

*Sub
b1*

5 1. A spumavirus isolated from a human, comprising one of SEQ ID 1-7.

10 2. The spumavirus of Claim 1, having ATCC Deposit No. ATCC VR-2635.

15 3. The spumavirus of Claim 1, further comprising exogenous sequences.

20 4. The spumavirus of Claim 3, wherein the exogenous sequences comprise sequences that encode polypeptides.

25 5. The spumavirus of Claim 4, wherein the polypeptide is an antigen.

30 6. The spumavirus of Claim 3, wherein the exogenous sequences comprise sequences that are transcribed as antisense RNA, ribozyme RNA or decoy RNA.

35 7. A method of killing dividing cells, comprising, infecting the dividing cells with the spumavirus having ATCC Deposit No. ATCC VR-2635.

8. The method of Claim 7, wherein the dividing cells are *in vitro*.

9. The method of Claim 7, wherein the dividing cells are *in vivo*.

10. The method of Claim 7, wherein infection is capable of inhibiting tumor formation or growth.

11. The method of Claim 7, wherein the cells are of human or animal origin.

12. A method of detecting the presence of a spumavirus, comprising,
a) contacting a biological sample with antigens of the spumavirus of Claim 1,

b) detecting of the binding of antibodies in the biological sample with the antigens.